

Data Processing Contract

Parties:

[Name of GP Practice]
of [Address of GP Practice]

(Hereinafter also known as the Customer and Data Controller)

AND

NHS Nottingham and Nottinghamshire CCG
of Trent Bridge House, Fox Road, West Bridgford, Nottingham, NG2 6BJ
(Hereinafter also known as the Contractor and Data Processor)

Commencement Date of Contract: [Insert Date]

Contract ID: [ID]

1. INTERPRETATION

- i. The definitions and rules of interpretation set out in Annex A apply in this agreement and in any other agreement between the Parties.

2. BACKGROUND INFORMATION

- i. The Customer uses the services Contractor to provide data management and processing services.
- ii. The Parties have agreed to enter into this Agreement to ensure compliance with Data Protection Legislation in relation to all such processing.
- iii. The terms of this Agreement are to apply to all data processing carried out for the Data Controller by the Data Processor and to all Personal Data held by the Data Processor in relation to all such processing whether such personal data is held at the date of this Agreement or received afterwards.
- iv. Certain words and expressions used in and applicable to this contract are defined in Annex A.

3. DATA PROTECTION

- i. The Parties acknowledge that for the purposes of the Data Protection Legislation, the Customer is the Controller and the Contractor is the Processor. The only processing that the Contractor is authorised to do is listed in Schedule 1 by the Customer and may not be determined by the Contractor.
- ii. The Contractor shall notify the Customer immediately if it considers that any of the Customer's instructions infringe the Data Protection Legislation.
- iii. The Contractor shall provide all reasonable assistance to the Customer in the preparation of any Data Protection Impact Assessment prior to commencing any processing. Such assistance may, at the discretion of the Customer, include:
 - a) a systematic description of the envisaged processing operations and the purpose of the processing;
 - b) an assessment of the necessity and proportionality of the processing operations in relation to the Services;
 - c) an assessment of the risks to the rights and freedoms of Data Subjects; and

- d) the measures envisaged to address the risks, including safeguards, security measures and mechanisms to ensure the protection of Personal Data.
- iv. The Contractor shall, in relation to any Personal Data processed in connection with its obligations under this Agreement:
 - a) process that Personal Data only in accordance with Schedule 1, unless the Contractor is required to do otherwise by Law. If it is so required the Contractor shall promptly notify the Customer before processing the Personal Data unless prohibited by Law;
 - b) ensure that it has in place Protective Measures, which have been reviewed and approved by the Customer as appropriate to protect against a Data Loss Event having taken account of the:
 - i) nature of the data to be protected;
 - ii) harm that might result from a Data Loss Event;
 - iii) state of technological development; and
 - iv) cost of implementing any measures;
 - c) ensure that:
 - i) the Contractor Personnel do not process Personal Data except in accordance with this Agreement (and in particular Schedule 1);
 - ii) it takes all reasonable steps to ensure the reliability and integrity of any Contractor Personnel who have access to the Personal Data and ensure that they:
 - A) are aware of and comply with the Contractor's duties under this clause;
 - B) are subject to appropriate confidentiality undertakings with the Contractor or any Sub-processor;
 - C) are informed of the confidential nature of the Personal Data and do not publish, disclose or divulge any of the Personal Data to any third Party unless directed in writing to do so by the Customer or as otherwise permitted by this Agreement; and
 - D) have undergone adequate training in the use, care, protection and handling of Personal Data; and

- d) not transfer Personal Data outside of the EU unless the prior written consent of the Customer has been obtained and the following conditions are fulfilled:
 - i) the Customer or the Contractor has provided appropriate safeguards in relation to the transfer (whether in accordance with GDPR Article 46 or LED Article 37) as determined by the Customer;
 - ii) the Data Subject has enforceable rights and effective legal remedies;
 - iii) the Contractor complies with its obligations under the Data Protection Legislation by providing an adequate level of protection to any Personal Data that is transferred (or, if it is not so bound, uses its best endeavours to assist the Customer in meeting its obligations); and
 - iv) the Contractor complies with any reasonable instructions notified to it in advance by the Customer with respect to the processing of the Personal Data;
 - e) at the written direction of the Customer, delete or return Personal Data (and any copies of it) to the Customer on termination of the Agreement unless the Contractor is required by Law to retain the Personal Data.
- v. Subject to clause 3.5, the Contractor shall notify the Customer immediately if it:
 - a) receives a Data Subject Access Request (or purported Data Subject Access Request);
 - b) receives a request to rectify, block or erase any Personal Data;
 - c) receives any other request, complaint or communication relating to either Party's obligations under the Data Protection Legislation;
 - d) receives any communication from the Information Commissioner or any other regulatory authority in connection with Personal Data processed under this Agreement;
 - e) receives a request from any third Party for disclosure of Personal Data where compliance with such request is required or purported to be required by Law; or
 - f) becomes aware of a Data Loss Event.
- vi. The Contractor's obligation to notify under clause 3.4 shall include the provision of further information to the Customer in phases, as details become available.

- vii. Taking into account the nature of the processing, the Contractor shall provide the Customer with full assistance in relation to either Party's obligations under Data Protection Legislation and any complaint, communication or request made under clause 3.4 (and insofar as possible within the timescales reasonably required by the Customer) including by promptly providing:
 - a) the Customer with full details and copies of the complaint, communication or request;
 - b) such assistance as is reasonably requested by the Customer to enable the Customer to comply with a Data Subject Access Request within the relevant timescales set out in the Data Protection Legislation;
 - c) the Customer, at its request, with any Personal Data it holds in relation to a Data Subject;
 - d) assistance as requested by the Customer following any Data Loss Event;
 - e) assistance as requested by the Customer with respect to any request from the Information Commissioner's Office, or any consultation by the Customer with the Information Commissioner's Office.
- viii. The Contractor shall maintain complete and accurate records and information to demonstrate its compliance with this clause. This requirement applies because:
 - a) the Customer determines that the processing is not occasional;
 - b) the Customer determines the processing includes special categories of data as referred to in Article 9(1) of the GDPR.
- ix. The Contractor shall allow for audits of its Data Processing activity by the Customer or the Customer's designated auditor.
- x. The Contractor shall designate a data protection officer if required by the Data Protection Legislation.
- xi. Before allowing any Sub-processor to process any Personal Data related to this Agreement, the Contractor must:
 - a) notify the Customer in writing of the intended Sub-processor and processing;
 - b) obtain the written consent of the Customer;

- c) enter into a written agreement with the Sub-processor which give effect to the terms set out in this clause such that they apply to the Sub-processor; and
 - d) provide the Customer with such information regarding the Sub-processor as the Customer may reasonably require.
- xii. The Contractor shall remain fully liable for all acts or omissions of any Sub-processor.
 - xiii. The Contractor may, at any time on not less than 30 Working Days' notice, revise this clause by replacing it with any applicable controller to processor standard clauses or similar terms forming part of an applicable certification scheme (which shall apply when incorporated by attachment to this Agreement).
 - xiv. The Parties agree to take account of any guidance issued by the Information Commissioner's Office. The Customer may on not less than 30 Working Days' notice to the Contractor amend this agreement to ensure that it complies with any guidance issued by the Information Commissioner's Office.

4. CHARGES

- i. In consideration of the Contractor performing the services described in this agreement, the Customer agrees to pay (if demanded) and the Contractor agrees to accept on the signing of this agreement the sum of one pound sterling (£1.00).

5. SUB-PROCESSORS AND TEMPORARY STAFF

- i. The Contractor's IT systems support and data storage are provided by **Nottinghamshire Health Informatics Service (NHIS), hosted by Sherwood Forest Hospitals NHS Foundation Trust, Mansfield Road, Sutton-in-Ashfield, NG17 4JL**. No other sub-processors will be used by the Contractor without the express written consent of the Customer.
- ii. From time to time, the Contractor may second or temporarily employ staff from other organisations to work as members of the Data Management Team, to provide specialist expertise or additional capacity. The Contractor assures that any such staff shall be bound by the same obligations under this Agreement, including any confidentiality agreements, as staff employed substantively by the Contractor.

6. SECURE DESTRUCTION

- i. NHS data is subject to legal retention periods and should not be destroyed unless the Contractor has received specific instruction to do so from the Customer. Where data has been identified for disposal:
 - a) The Contractor shall ensure that NHS information held in paper form (regardless of whether originally provided by the Customer or printed from the Contractor's IT systems) is destroyed using a cross cut shredder or subcontracted to a confidential waste company that complies with European Standard EN15713.
 - b) The Contractor shall ensure that electronic storage media used to hold or process NHS Information is destroyed or overwritten to current CESG standards as defined at www.cesg.gov.uk
 - c) In the event of any bad or unusable sectors that cannot be overwritten, the Contractor shall ensure complete and irretrievable destruction of the media itself.
 - d) The Contractor shall provide the Customer with copies of all relevant overwriting verification reports and/or certificates of secure destruction of NHS information at the conclusion of the contract.

7. VARIATION

- i. From time to time, it will be necessary to amend the terms of this Agreement. Each Party may request changes, and the other Party or Parties may accept or decline those changes, either in writing or via electronic communication.
- ii. Changes to Schedule 1, which details the data, subject matter, duration, nature and purpose of all processing shall be managed either in writing, via electronic communication, or online within the eHealthScope web application.
- iii. All versions and variations to this Agreement shall be stored and made available within eHealthScope.

8. TERM AND TERMINATION

- i. Any provision of this agreement that expressly or by implication is intended to come into or continue in force on or after termination of this agreement shall remain in full force and effect.
 - ii. Termination of this agreement, for any reason, shall not affect the accrued rights, remedies, obligations or liabilities of the parties existing at termination.
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DATA PROCESSING CONTRACT BETWEEN THE CUSTOMER AND THE CONTRACTOR

On behalf of the Customer (Data Controller): **[GP Practice]**

Signed: [Please sign here]

On behalf of the Contractor (Data Processor): **NHS Nottingham and Nottinghamshire CCG**

Signed: [Please sign here]

ANNEX A

DEFINITIONS

STANDARD DEFINITIONS:

Agreement: this contract;

Contractor Personnel: means all directors, officers, employees, agents, consultants and contractors of the Contractor and/or of any Sub-Contractor engaged in the performance of its obligations under this Agreement

Data Management Team: staff employed by the Contractor within the Data Management function.

eHealthScope: the online web application managed by the Contractor, currently located at <http://ehealthscope.nottingham-pct.nhs.uk/dotnetnuke> or <https://eHSweb.nnotts.nhs.uk>

GPRCC: the General Practice Repository for Clinical Care - a clinical database that collects together and links daily data feeds from general practice, community, acute, mental health, social care, emergency and out-of-hours settings for the primary purpose of delivering more effective and efficient care across organisational boundaries.

Law: means any law, subordinate legislation within the meaning of Section 21(1) of the Interpretation Act 1978, bye-law, enforceable right within the meaning of Section 2 of the European Communities Act 1972, regulation, order, regulatory policy, mandatory guidance or code of practice, judgement of a relevant court of law, or directives or requirements with which the Contractor is bound to comply;

Party: a Party to this Agreement

GDPR CLAUSE DEFINITIONS:

Controller, Processor, Data Subject, Personal Data, Personal Data Breach, Data Protection Officer take the meaning given in the GDPR

Data Loss Event: any event that results, or may result, in unauthorised access to Personal Data held by the Contractor under this Agreement, and/or actual or potential loss and/or destruction of Personal Data in breach of this Agreement, including any Personal Data Breach.

Data Protection Impact Assessment: an assessment by the Controller of the impact of the envisaged processing on the protection of Personal Data.

Data Protection Legislation:

- a) the GDPR, the LED and any applicable national implementing Laws as amended from time to time;

b) the DPA 2018 to the extent that it relates to processing of personal data and privacy;

c) all applicable Law about the processing of Personal Data and privacy;

Data Subject Access Request: a request made by, or on behalf of, a Data Subject in accordance with rights granted pursuant to the Data Protection Legislation to access their Personal Data

DPA 2018: Data Protection Act 2018

LED: Law Enforcement Directive (Directive (EU) 2016/680)

GDPR: the General Data Protection Regulation (Regulation (EU) 2016/679)

Protective Measures: appropriate technical and organisational measures which may include: pseudonymisation and encryption of Personal Data, ensuring confidentiality, integrity, availability and resilience of systems and services, ensuring that availability of and access to Personal Data can be restored in a timely manner after an incident, and regularly assessing and evaluating the effectiveness of the such measures adopted by it.

Sub-processor: any third Party appointed to process Personal Data on behalf of the Contractor related to this Agreement

SCHEDULE 1

This Schedule details the data flows covered under this Contract, the Purposes for which they may be Processed by the Data Processor, and the retention policy.

Changes to the Schedule are agreed, recorded and tracked electronically via eHealthScope. The definitive version of items in force under this Schedule of the Contract at any point in time is shown exclusively at the following URL:

<https://eHSweb.notts.nhs.uk/Default.aspx?tabid=282>

For the avoidance of doubt, the information listed below relates only to contract ID: [ID].

(PD = Personal Data)

Acute: NUH Discharges and Admissions

(Dataset ID: 19, Version: 3)

| Item | Data Type | PD | Comments |
|---------------------------|------------------|----|---|
| NUH_ADMIN_CATEGORY | nvarchar | | |
| NUH_ADMISSION_METHOD | nvarchar | | |
| NUH_ADMISSION_SOURCE | nvarchar | | |
| NUH_DATETIME_OF_ADMISSION | datetime | | |
| NUH_DATETIME_OF_DISCHARGE | datetime | | |
| NUH_DIAG_CODE | varchar | | |
| NUH_DISCHARGE_DESTINATION | nvarchar | | |
| NUH_EPISODE_COUNT | int | | |
| NUH_EXTRACT_DATETIME | datetime | | |
| NUH_HOSPITAL_SPELL_NO | nvarchar | | |
| NUH_HRG | nvarchar | | |
| NUH_ID | int | | |
| NUH_LOCATION_IN_HOSPITAL | nvarchar | | The most recent Ward onto which the patient was admitted |
| NUH_NHS_NO | nvarchar (pseud) | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |

| | | | |
|----------------------------------|----------|--|--|
| NUH_PROC_CODE | varchar | | |
| NUH_PROVIDER_CODE | varchar | | |
| NUH_REPEAT_ADMISSION | nchar | | |
| NUH_REPORT_PERIOD_END_DATETIME | datetime | | |
| NUH_REPORT_PERIOD_START_DATETIME | datetime | | |

Criteria: Patients currently admitted to Nottingham University Hospitals or discharged in the past thirty days.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

| | |
|---|--|
| Purposes: | |
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Acute: SFH Discharges and Admissions

(Dataset ID: 29, Version: 2)

| Item | Data Type | PD | Comments |
|------------------------------|------------------|----|---|
| ADMIN_CATEGORY | nvarchar | | |
| ADMISSION_METHOD | nvarchar | | |
| ADMISSION_SOURCE | nvarchar | | |
| DATETIME_OF_ADMISSION | datetime | | |
| DATETIME_OF_DISCHARGE | datetime | | |
| DIAG_CODE | varchar | | |
| DISCHARGE_DESTINATION | nvarchar | | |
| EPISODE_COUNT | int | | |
| EXTRACT_DATETIME | datetime | | |
| HOSPITAL_SPELL_NO | nvarchar | | |
| HRG | nvarchar | | |
| ID | int | | |
| LOCATION_IN_HOSPITAL | varchar | | Shows the most recent Ward onto which the patient was admitted |
| NHS_NO | nvarchar (pseud) | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| PROC_CODE | varchar | | |
| PROVIDER_CODE | varchar | | |
| REPEAT_ADMISSION | nchar | | |
| REPORT_PERIOD_END_DATETIME | datetime | | |
| REPORT_PERIOD_START_DATETIME | datetime | | |

Criteria: Patients currently admitted to or discharged from Sherwood Forest Hospitals Foundation Trust in the past thirty days.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

| | |
|---|---|
| Purposes: | |
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting |

| | |
|---|---|
| | individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Community: Nottingham CityCare Referrals

(Dataset ID: 20, Version: 2)

| Item | Data Type | PD | Comments |
|---------------|-----------------|----|----------|
| Age | int | | |
| CCG | varchar | | |
| Date of Birth | date (pseud) | Y | |
| Forename | varchar (pseud) | Y | |
| NHS Number | int (pseud) | Y | |
| Patient Count | int | | |
| Practice Code | varchar | | |
| Referral Date | date | | |
| Service Name | varchar | | |
| Sex | varchar | | |
| Surname | varchar (pseud) | Y | |

Criteria: All patients registered to the GP Practice who have an open referral to a service provided by Nottingham CityCare.

Frequency: Daily (Mon-Fri)

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Community: Nottinghamshire Healthcare Trust Child Immunisations - Year 1

(Dataset ID: 49, Version: 1)

| Item | Data Type | PD | Comments |
|----------------------------|-----------|----|----------|
| Age in years | int | | |
| Completed ALL DTaP/IPV/HIB | int | | 0/1 |

| | | | |
|--------------------------------------|---------|---|---|
| Current Status | varchar | | e.g. "Child Lives Out Treated In" |
| Date Of Birth (pseud) | date | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Dip Consent | varchar | | Y/N |
| Diphtheria Vaccination | date | | |
| DTP/IPV/HIB Age Given (Years) | varchar | | |
| Ethnicity (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Final DTaP/IPV/HIB Count | int | | |
| Final Men C Count | int | | |
| Final PCV Count | int | | |
| Full Name (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| GP Id | varchar | | |
| GP Id Type | varchar | | e.g. GMC or Local ID |
| GP Name | varchar | | |
| Haemophilus Influenzae B Vaccination | date | | |
| Hepatitis B Reinforcing | date | | |
| Hepatitis B Vaccination | date | | |
| Hib Consent | varchar | | Y/N |
| Location Dip Completed | date | | |
| Location Hib Completed | varchar | | |
| Location Men C Completed | varchar | | |
| Location MMR Completed | varchar | | |
| Location Pert Completed | varchar | | |
| Location Polio Completed | varchar | | |
| Location Tet | varchar | | |

| | | | |
|-----------------------------|---------|---|---|
| Completed | | | |
| Maternal HB Status Positive | varchar | | Y/N |
| Men C Age Given (Years) | varchar | | |
| Men C Consent | varchar | | Y/N |
| Meningitis C Vaccination | date | | |
| MMR Consent | varchar | | Y/N |
| MMR Vaccination | date | | |
| Nhs Number (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| PCV Age Given (Years) | varchar | | |
| Pert Consent | varchar | | Y/N |
| Pertussis Vaccination | date | | |
| Pneumococcal Vaccination | date | | |
| Pol Consent | varchar | | Y/N |
| Polio Vaccination | date | | |
| Postcode (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Practice Id | varchar | | |
| Practice Name | varchar | | |
| Provider | varchar | | |
| Sex | varchar | | |
| Status Date | date | | |
| Tet Consent | varchar | | Y/N |
| Tetanus Vaccination | date | | |

Criteria: All children registered to the GP Practice who have received a Year 1 immunisation according to the Trust's Child Health team.

Frequency: Quarterly

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

| | | |
|---|--|---|
| Purposes: | | |
| GPRCC data integration for direct patient care purposes | | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to | | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General |

| | |
|-------------------------------|---|
| support clinical audit | Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Community: Nottinghamshire Healthcare Trust Child Immunisations - Year 2

(Dataset ID: 50, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------------------|-----------|----|---|
| Age in years | int | | |
| Completed ALL DTaP/IPV/HIB | varchar | | 0/1 |
| Current Status | varchar | | |
| Date Of Birth | date | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Dip Consent | varchar | | Y/N |
| Diphtheria Vaccination | date | | |
| DTP/IPV/HIB Age Given (Years) | varchar | | |
| Ethnicity | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Final DTaP/IPV/HIB Count | int | | |
| Final Hib/Men C Count | int | | |
| Final Men C Count | int | | |
| Final MMR Count | int | | |
| Final PCV BOOSTER Count | int | | |

| | | | |
|--------------------------------------|---------|---|---|
| Full Name | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| GP Id | varchar | | |
| GP Id Type | varchar | | |
| GP Name | varchar | | |
| Haemophilus Influenzae B Vaccination | date | | |
| Hepatitis B Reinforcing | date | | |
| Hepatitis B Vaccination | date | | |
| Hib Consent | varchar | | Y/N |
| Hib/MenC Age Given (Years) | varchar | | |
| HIB/Meningitis C Booster | date | | |
| Location Dip Completed | varchar | | |
| Location Hib Completed | varchar | | |
| Location Men C Completed | varchar | | |
| Location MMR Completed | varchar | | |
| Location Pert Completed | varchar | | |
| Location Polio Completed | varchar | | |
| Location Tet Completed | varchar | | |
| Maternal HB Status Positive | date | | |
| Men C Age Given (Years) | varchar | | |
| Men C Consent | varchar | | Y/N |
| Meningitis C Vaccination | date | | |
| MMR Age Given (Years) | varchar | | |
| MMR Consent | varchar | | Y/N |
| MMR Vaccination | date | | |
| Nhs Number | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re- |

| | | | |
|-------------------------------|---------|---|---|
| | | | identifiable to authorised staff upon access via eHealthScope |
| PCV BOOSTER Age Given (Years) | varchar | | |
| Pert Consent | varchar | | Y/N |
| Pertussis Vaccination | date | | |
| Pneumococcal Booster | date | | |
| Pneumococcal Vaccination | date | | |
| Pol Consent | varchar | | Y/N |
| Polio Vaccination | date | | |
| Postcode | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Practice Id | varchar | | |
| Practice Name | varchar | | |
| Provider | varchar | | |
| Sex | varchar | | |
| Status Date | date | | |
| Tet Consent | varchar | | Y/N |
| Tetanus Vaccination | date | | |

Criteria: All children registered to the GP Practice who have received a Year 2 immunisation according to the Trust's Child Health team.

Frequency: Quarterly

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include |

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| | planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
|--|---|

Community: Nottinghamshire Healthcare Trust Child Immunisations - Year 5

(Dataset ID: 51, Version: 1)

| Item | Data Type | PD | Comments |
|-----------------------------------|-----------|----|---|
| Age DT/Polio Given (Years) | varchar | | |
| Age DTAP/POLIO Given (Years) | varchar | | |
| Age Hib Given (Years) | varchar | | |
| Age in years | int | | |
| Age Pertusis Given (Years) | varchar | | |
| Completed ALL DTaP/IPV/HIB | int | | 0/1 |
| Completed DT/Polio Primary | int | | 0/1 |
| Completed DTAP/Polio Booster | int | | 0/1 |
| Current Status | varchar | | |
| Date Of Birth | date | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Dip Consent | varchar | | Y/N |
| Diphtheria Booster | date | | |
| Diphtheria Vaccination | date | | |
| DTaP/IPV/HIB Given Between 1 - 5? | int | | 0/1 |
| DTP/IPV/HIB Age Given (Years) | varchar | | |
| Ethnicity | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Final 2nd MMR Count | int | | |
| Final DT/Polio Count | int | | |
| Final DTAP/POLIO | int | | 0/1 |

| | | | |
|--|----------|---|---|
| Booster Count | | | |
| Final Hib Count | int | | |
| Final Hib/Men C Booster Count | int | | |
| Final Men C Count | int | | |
| Final MMR Count | int | | |
| Final PCV Booster Count | int | | |
| Final PCV Count | int | | |
| Final Pertusis Count | int | | |
| Full Name | vvarchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| GP Id | vvarchar | | |
| GP Id Type | vvarchar | | |
| GP Name | vvarchar | | |
| Haemophilus Influenzae B Booster | date | | |
| Haemophilus Influenzae B Vaccination | date | | |
| Hib Consent | vvarchar | | Y/N |
| Hib/Men C Given Between 1 - 5? | int | | 0/1 |
| Hib/MenC Booster Age Given (Years) | vvarchar | | |
| HIB/Meningitis C Booster | date | | |
| Location Dip Completed | vvarchar | | |
| Location Hib Completed | vvarchar | | |
| Location Men C Completed | vvarchar | | |
| Location MMR Completed | vvarchar | | |
| Location Pert Completed | vvarchar | | |
| Location Polio Completed | vvarchar | | |
| Location Tet Completed | vvarchar | | |
| Maternal HB Status Positive | date | | |
| Measles/Rubella | date | | |
| Measles Mumps/Rubella and Measles/Rubella | date | | |
| Men C Age Given (Years) | vvarchar | | |
| Men C Consent | vvarchar | | Y/N |

| | | | |
|--------------------------------|---------|---|---|
| Men C Given Between 1 - 5? | int | | 0/1 |
| Meningitis C Booster | date | | |
| Meningitis C Vaccination | date | | |
| MMR 2nd Dose Age Given (Years) | varchar | | |
| MMR Age Given (Years) | varchar | | |
| MMR Booster | date | | |
| MMR Consent | varchar | | Y/N |
| MMR Vaccination | date | | |
| Nhs Number | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| PCV Age Given (Years) | varchar | | |
| PCV Booster Age Given (Years) | varchar | | |
| Pert Consent | varchar | | Y/N |
| Pertussis Booster | date | | |
| Pertussis Vaccination | date | | |
| Pneumococcal Booster | date | | |
| Pneumococcal Vaccination | date | | |
| Pol Consent | varchar | | Y/N |
| Polio Booster | date | | |
| Polio Vaccination | date | | |
| Postcode | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Practice Id | varchar | | |
| Practice Name | varchar | | |
| Provider | varchar | | |
| Sex | varchar | | |
| Status Date | date | | |
| Tet Consent | varchar | | Y/N |
| Tetanus Booster | date | | |
| Tetanus Vaccination | date | | |

Criteria: All children registered to the GP Practice who have received a Year 5 immunisation according to the Trust's Child Health team.

Frequency: Quarterly

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

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| Purposes: | GPRCC data integration for direct patient care | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow |
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|---|---|
| purposes | records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Community: Nottinghamshire Healthcare Trust Community Referrals (formerly known as County Health Partnerships)

(Dataset ID: 28, Version: 2)

| Item | Data Type | PD | Comments |
|-------------------|-----------|----|---|
| CCG | varchar | | |
| EndDate | date | | Referral end (closed) date |
| Intervention | varchar | | Basic reason for closing the referral (e.g. Transfer Out) |
| NHSNumber (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| PracticeCode | varchar | | |
| ReferralDate | date | | |
| ReportingDate | | | Date upon which the record was extracted |
| RTT_Status | varchar | | Current Referral-To-Treatment waiting status |
| RTT_Status_Date | date | | Date from which RTT status has been applicable |
| ServiceName | varchar | | |
| StartDate | date | | Referral start date |
| UBRN | varchar | | Unique Booking Reference Number |

All patients registered to the GP Practice who have been referred to a

Criteria: Community service provided by Nottinghamshire Healthcare Trust (formerly known as County Health Partnerships).

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by

eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Community: PICS Referrals

(Dataset ID: 21, Version: 2)

| Item | Data Type | PD | Comments |
|---------------|-----------------|----|----------|
| Age | int | | |
| CCG | varchar | | |
| Date of Birth | date (pseud) | Y | |
| Forename | varchar (pseud) | Y | |
| NHS Number | int (pseud) | Y | |
| Practice Code | varchar | | |
| Referral Date | date | | |

| | | | |
|----------------------------------|-----------------|---|--|
| Service Name (Organisation Name) | varchar | | |
| Sex | varchar | | |
| Surname | varchar (pseud) | Y | |

Criteria: All patients registered with a Practice served by eHealthScope who have an open referral with a Service provided by Primary Integrated Care Services (PICS).

Frequency: Daily (Mon-Fri)

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

| | |
|---|--|
| Purposes: | |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Continuing Health Care (CHC)

| Item | Data Type | PD | Comments |
|-------------------------|-----------|----|---|
| DateStarted | date | | |
| NHSNumber (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Placement Establishment | varchar | | Name of the care home or provider |
| Service | varchar | | |

Criteria: Patients registered with the Practice who are currently in receipt of Continuing Health Care.

Frequency: Daily (when available)

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRCode

(Dataset ID: 39, Version: 1)

| Item | Data Type | PD | Comments |
|-----------|-----------|----|----------|
| CTV3Code | varchar | | |
| CTV3Text | varchar | | |
| DateEvent | datetime | | |

| | | | |
|----------------------------|---------|--|--|
| EpisodeType | varchar | | |
| IDOrganisationRegisteredAt | varchar | | |
| IDOrganisationVisibleTo | varchar | | |
| IDPatient | int | | Links to TPP tables containing real patient identifiers. |
| NumericUnit | varchar | | |
| NumericValue | float | | |
| RemovedData | varchar | | |
| RowIdentifier | int | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

| | |
|---|--|
| Purposes: | |
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service |

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|--|---|
| | management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
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GP TPP SystemOne Strategic Reporting: SRMedicationReadCodeDetails

(Dataset ID: 34, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------|-----------|----|----------|
| DrugReadCode | varchar | | |
| DrugReadCodeDesc | varchar | | |
| IDMultiLexProduct | int | | |
| RowIdentifier | int | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via |

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| | eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRPatient

(Dataset ID: 35, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------------|-----------|----|--|
| DateBirth | date | Y | |
| DateDeath | date | Y | |
| FirstName | varchar | Y | |
| Gender | varchar | | |
| IDOrganisationVisibleTo | varchar | | |
| NHSNumber | int | Y | |
| RemovedData | varchar | | |
| RowIdentifier | int | | Links to IDPatient in other TPP Strategic Reporting tables |
| Surname | varchar | Y | |
| TestPatient | varchar | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on |

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| | pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRPatientAddressHistory

(Dataset ID: 40, Version: 1)

| Item | Data Type | PD | Comments |
|----------------------------|-----------|----|--|
| AddressType | varchar | | |
| DateEvent | datetime | | |
| DateEventRecorded | datetime | | |
| DateTo | datetime | | |
| FullPostCode | varchar | Y | |
| IDDoneBy | int | | |
| IDEvent | int | | |
| IDOrganisation | varchar | | |
| IDOrganisationDoneAt | varchar | | |
| IDOrganisationRegisteredAt | varchar | | |
| IDOrganisationVisibleTo | varchar | | |
| IDPatient | int | | Links to TPP tables containing real patient identifiers. |
| IDProfileEnteredBy | int | | |

| | | | |
|--------------------|---------|---|--|
| NameOfBuilding | varchar | Y | |
| NameOfCounty | varchar | Y | |
| NameOfLocality | varchar | Y | |
| NameOfRoad | varchar | Y | |
| NameOfTown | varchar | Y | |
| NumberOfBuilding | varchar | Y | |
| RemovedData | varchar | | |
| RowIdentifier | int | | |
| TextualEventDoneBy | int | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service |

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|--|---|
| | management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
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GP TPP SystemOne Strategic Reporting: SRPatientContactDetails

(Dataset ID: 38, Version: 1)

| Item | Data Type | PD | Comments |
|----------------------------|-----------|----|--|
| ContactNumber | int | Y | |
| ContactType | varchar | | |
| DateEvent | datetime | | |
| IDEvent | int | | |
| IDOrganisation | varchar | | |
| IDOrganisationRegisteredAt | varchar | | |
| IDOrganisationVisibleTo | varchar | | |
| IDPatient | int | | Links to TPP tables containing real patient identifiers. |
| RowIdentifier | int | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible |

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|---|---|
| | only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRPatientRegistration

(Dataset ID: 36, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------------|-----------|----|--|
| DateDeRegistration | datetime | | |
| DateEventRecorded | datetime | | |
| DateRegistration | datetime | | |
| IDOrganisation | varchar | | |
| IDOrganisationVisibleTo | varchar | | |
| IDPatient | int | | Links to TPP tables containing real patient identifiers. |
| IDProfileEnteredBy | int | | |
| RegistrationStatus | varchar | | |
| RemovedData | varchar | | |
| RowIdentifier | int | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
|---|---|

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|---|--|
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRPrimaryCareMedication

(Dataset ID: 37, Version: 1)

| Item | Data Type | PD | Comments |
|----------------------------|-----------|----|----------|
| DateEvent | datetime | | |
| DateMedicationEnd | datetime | | |
| DateMedicationStart | datetime | | |
| IDEvent | int | | |
| IDMultiLexProduct | int | | |
| IDOrganisation | varchar | | |
| IDOrganisationRegisteredAt | varchar | | |

| | | | |
|-------------------------|---------|--|--|
| IDOrganisationVisibleTo | varchar | | |
| IDPatient | int | | Links to TPP tables containing real patient identifiers. |
| IsRepeatMedication | varchar | | |
| MedicationDosage | varchar | | |
| MedicationQuantity | varchar | | |
| NameOfMedication | varchar | | |
| RemovedData | varchar | | |
| RowIdentifier | int | | |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service |

| | |
|--|---|
| | management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
|--|---|

GP TPP SystemOne Strategic Reporting: SRReferralIn

(Dataset ID: 57, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------------------|-------------------|----|---|
| ActiveStatus | Boolean | | Defines whether the referral is currently active or inactive |
| Category | Text - Variable | | The type of referral (for example community referral). |
| DateReferral | Date and Time | | The date and time of the referral |
| HospitalReferralSourceCdsCode | Text - Variable | | CDS Code for the source of the hospital referral |
| HospitalReferredForType | Text - Variable | | The type of hospital for which the patient was referred |
| IDCaseload | Numeric - Integer | | The unique identifier of the current case load that the patient is on - set when referring in |
| IDCodePrimaryDiagnosis | Numeric - Integer | | Link to the SRCode table providing the primary diagnosis set against this referral |
| IDEvent | Numeric - Integer | | The unique identifier of the journal event under which this event was performed. |
| IDOrganisation | Text - Variable | | The unique identifier of the organisation at which the data was entered |
| IDOrganisationDoneAt | Text - Variable | | The unique identifier of the organisation at which the event was performed |
| IDOrganisationRegisteredAt | Text - Variable | | The unique identifier of the organisation at which the patient was registered when the data was entered |
| IDOrganisationVisibleTo | Text - Variable | | The unique identifier of the organisation able to see this data |
| IDPatient | Numeric - Integer | | The unique identifier for the patient record. Links to table containing patient identifiers. |
| IDReferralLocal | Text - Variable | | The UBRN or local ID for the patient's 18 week wait |
| IDReferrer | Numeric - Integer | | The unique identifier of the referrer |
| Outcome | Text - Variable | | The outcome recorded when referring in (for example accepted, undecided or not accepted for care) |

| | | |
|----------------|-------------------|---|
| PatientAware | Boolean | Defines whether the patient is aware of the referral or not |
| PrimaryReason | Text - Variable | The primary reason recorded for this referral |
| RowIdentifier | Numeric - Integer | Link to equivalent rows in the daily delta |
| ServiceOffered | Text - Variable | The service offered (for example paediatrics or occupational therapy. The available options are locally configured) |
| ServiceType | Text - Variable | The service type recorded against this referral. This will either be advice/consultation, other or specific procedure |
| Source | Text - Variable | The source of the referral (for example a GP or a self-referral) |
| Urgency | Text - Variable | The urgency of the referral (for example routine or urgent) |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to |

| | |
|-------------------------------|---|
| | allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRReferralInReferralReason

(Dataset ID: 58, Version: 1)

| Item | Data Type | PD | Comments |
|----------------------------|-------------------|----|---|
| DateEvent | Date and Time | | The date and time that the event occurred |
| DateRemoved | Date and Time | | The date and time that the referral reason was removed |
| IDEvent | Numeric - Integer | | The unique identifier of the journal event under which this event was performed. |
| IDOrganisation | Text - Variable | | The unique identifier of the organisation at which the data was entered |
| IDOrganisationDoneAt | Text - Variable | | The unique identifier of the organisation at which the event was performed |
| IDOrganisationRegisteredAt | Text - Variable | | The unique identifier of the organisation at which the patient was registered when the data was entered |
| IDOrganisationVisibleTo | Text - Variable | | The unique identifier of the organisation able to see this data |
| IDPatient | Numeric - Integer | | The unique identifier for the patient record. Links to table containing patient identifiers. |
| IDReferralIn | Numeric - Integer | | The unique identifier of the Referral In linked to this event |
| PrimaryReferralReason | Boolean | | Identifies an entry as the primary reason for referral |
| ReferralReason | Text - Variable | | The reason entered |
| RowIdentifier | Numeric - Integer | | Link to equivalent rows in the daily delta |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRReferralOut

(Dataset ID: 59, Version: 1)

| Item | Data Type | PD | Comments |
|------|-----------|----|----------|
|------|-----------|----|----------|

| | | |
|----------------------------|-------------------|---|
| DateEvent | Date and Time | The date and time that the event occurred |
| IDEvent | Numeric - Integer | The unique identifier of the journal event under which this event was performed. |
| IDOrganisation | Text - Variable | The unique identifier of the organisation at which the data was entered |
| IDOrganisationDoneAt | Text - Variable | The unique identifier of the organisation at which the event was performed |
| IDOrganisationRegisteredAt | Text - Variable | The unique identifier of the organisation at which the patient was registered when the data was entered |
| IDOrganisationVisibleTo | Text - Variable | The unique identifier of the organisation able to see this data |
| IDPatient | Numeric - Integer | The unique identifier for the patient record. Links to table containing patient identifiers. |
| IDProfileReferrer | Numeric - Integer | The unique identifier of the staff profile who made the referral |
| PrimaryDiagnosis | Text - Variable | The CTV3 Read code selected as the primary diagnosis against the referral |
| Reason | Text - Variable | The reason for referral |
| RecipientID | Text - Variable | The national ID of the recipient of the referral. |
| RecipientIDType | Text - Variable | The type of national ID of the referrer (for example GMC) |
| ReReferral | Boolean | Defines whether the referral is a re-referral for the patient or not |
| RowIdentifier | Numeric - Integer | Link to equivalent rows in the daily delta |
| ServiceOffered | Text - Variable | The service offered (for example paediatrics or occupational therapy. The available options are locally configured) |
| TypeOfReferral | Text - Variable | The type of referral (for example community referral). |
| Urgency | Text - Variable | The urgency of the referral (for example routine or urgent) |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
|---|---|

| | |
|---|--|
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP TPP SystemOne Strategic Reporting: SRReferralOutStatusDetails

(Dataset ID: 60, Version: 1)

| Item | Data Type | PD | Comments |
|----------------|-------------------|----|--|
| DateEvent | Date and Time | | The date and time that the event occurred |
| IDDoneBy | Numeric - Integer | | The unique identifier of the staff member that performed the event |
| IDEvent | Numeric - Integer | | The unique identifier of the journal event under which this event was performed. |
| IDOrganisation | Text - Variable | | The unique identifier of the organisation at which the data was entered |

| | | |
|----------------------------|-------------------|--|
| IDOrganisationDoneAt | Text - Variable | The unique identifier of the organisation at which the event was performed |
| IDOrganisationRegisteredAt | Text - Variable | The unique identifier of the organisation at which the patient was registered when the data was entered |
| IDOrganisationVisibleTo | Text - Variable | The unique identifier of the organisation able to see this data |
| IDPatient | Numeric - Integer | The unique identifier for the patient record. Links to table containing patient identifiers. |
| IDReferralOut | Numeric - Integer | The unique identifier for the referral out |
| RowIdentifier | Numeric - Integer | Link to equivalent rows in the daily delta |
| StatusOfReferralOut | Text - Variable | A description of the status of the referral (for example receiving care or moved out of the area). This is a locally configurable list |

Criteria: All patients with registration history at the Practice.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|--|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice |

| | |
|-------------------------------|---|
| | for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

GP: Actions Log

(Dataset ID: 67, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------|-----------|----|----------------------------|
| Action | varchar | | |
| Assigned To | varchar | | |
| Comments | varchar | | |
| Complete By | date | | |
| Date Completed | date | | |
| Meeting Raised In | varchar | | |
| Practice Code | varchar | | |
| Status | varchar | | In progress, Complete etc. |

Criteria: As input directly by Practice staff.

Frequency: As input directly by Practice staff.

Retention: Until instructed to delete.

| | | |
|------------------|-------------------------|--|
| Purposes: | Practice administration | The data may be processed to support the Practice with internal administrative and management tasks. |
|------------------|-------------------------|--|

GP: Data Logs

(Dataset ID: 66, Version: 1)

| Item | Data Type | PD | Comments |
|--------------|--------------|----|--|
| User-defined | User-defined | Y | Reports may be built using an arbitrary number of fields, which may include Personal Data. |

Criteria: As input directly by Practice staff.

Frequency: As input directly by Practice staff.

Retention: Until instructed to delete

| | | |
|------------------|----------------------------------|--|
| Purposes: | Generating and Sharing Aggregate | Calculating and sharing statistical information with the CCG which does not contain Personal Data and which is |
|------------------|----------------------------------|--|

| | |
|---|---|
| Output for the CCG | exempt from the GDPR / Data Protection Act. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
| Practice administration | The data may be processed to support the Practice with internal administrative and management tasks. |

GP: Issues Log

(Dataset ID: 62, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------|-----------|----|--|
| CCG Sign Off | bit | | Tickbox |
| Comment | varchar | | Free text description of the issue. |
| Issue Type | varchar | | e.g. inappropriate transfer of workload (drop down list) |
| NHS number | int | Y | |
| Practice Code | varchar | | |
| Practice Sign Off | bit | | Tickbox |
| Provider | varchar | | Name of the Provider |
| Title | varchar | | Descriptive title of the issue for the Issues Log |

Criteria: As input directly by Practice staff.

Frequency: As input directly by Practice staff.

Retention: 5 years

Purposes:

| | |
|---|--|
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for |
|---|--|

| | |
|-------------------------------|---|
| | clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
| Practice administration | The data may be processed to support the Practice with internal administrative and management tasks. |

GP: Meeting Log

(Dataset ID: 63, Version: 1)

| Item | Data Type | PD | Comments |
|-------------------|-----------|----|--|
| Comments | varchar | | |
| Event Date | date | | |
| People Present | varchar | | |
| Practice Code | varchar | | |
| Ratification Date | date | | For use with minutes |
| Type of Meeting | varchar | | Pick list - e.g. Clinical Meeting, End-of-Life Meeting, Partners Meeting |

Criteria: As input directly by Practice staff.

Frequency: As input directly by Practice staff.

Retention: Until instructed to delete.

Purposes:

| | |
|-------------------------|--|
| Practice administration | The data may be processed to support the Practice with internal administrative and management tasks. |
|-------------------------|--|

GP: Referral Meetings Log

(Dataset ID: 64, Version: 1)

| Item | Data Type | PD | Comments |
|---------------------------------|-----------|----|----------|
| Comments | varchar | | |
| Meeting Date | date | | |
| Number of Cases Staying with GP | int | | |
| Number of Cases to Advice | int | | |

| | | | |
|-----------------------------------|---------|--|--|
| Number of Cases to Community | int | | |
| Number of Cases to Secondary Care | int | | |
| Practice Code | varchar | | |

Criteria: As input directly by the Practice.

Frequency: As input directly by the Practice.

Retention: Until instructed to delete.

Purposes:

| | |
|---|--|
| Generating and Sharing Aggregate Output for the CCG | Calculating and sharing statistical information with the CCG which does not contain Personal Data and which is exempt from the GDPR / Data Protection Act. |
| Practice administration | The data may be processed to support the Practice with internal administrative and management tasks. |

GP: Referrals

(Dataset ID: 1, Version: 1)

| Item | Data Type | PD | Comments |
|-----------------------|-----------|----|----------|
| C&B Flag | bit | | |
| NHS Number | int | Y | |
| Private Referral Flag | bit | | |
| Reason for Referral | varchar | Y | |
| Reason Not C&B | varchar | | |
| Referral Date | date | | |
| Referrer Initials | varchar | | |
| Specialty | varchar | | |
| UBRN | varchar | | |
| Urgency | varchar | | |

Criteria: As input directly by Practice staff.

Frequency: As input directly by Practice staff.

Retention: Until instructed to delete.

Purposes:

| | |
|---|--|
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service | Consistent with the GDPR, aggregate figures which do |

| | |
|----------------|--|
| administration | not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
|----------------|--|

GP: Significant Events

(Dataset ID: 65, Version: 1)

| Item | Data Type | PD | Comments |
|--|-----------|----|---|
| Date of Event | date | | |
| Date of Resolution | date | | |
| Details | varchar | | Free text |
| Discussed with Patient | boolean | | |
| Duty of Candour Required | Boolean | | |
| Incident Owner | varchar | | |
| Learning Outcomes | varchar | | Free text |
| NHS Number | int | Y | |
| Practice Code | varchar | | |
| Reported on Controlled Drugs | boolean | | |
| Reported on Data Security and Protection Toolkit | boolean | | |
| Reported on NRLS | boolean | | |
| Reported to CQC | boolean | | |
| Severity | varchar | | |
| Sharing Status | varchar | | e.g. share with Practice only, or with CCG etc. |
| Site | varchar | | |
| Status | varchar | | Pending or Resolved |
| Type of Event | varchar | | Pick list - e.g. Administration, Clinical, Complaint, Positive Feedback |

Criteria: As input directly by Practice staff.

Frequency: As input directly by Practice staff.

Retention: Until instructed to delete.

Purposes:

| | |
|---|---|
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
|---|---|

| | |
|---|---|
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |
| Practice administration | The data may be processed to support the Practice with internal administrative and management tasks. |

Mental Health: Nottinghamshire Healthcare Trust (NHT)

(Dataset ID: 53, Version: 1)

| Item | Data Type | PD | Comments |
|----------------------------|-----------|----|---|
| CPAEndDate | date | | Date on which Care Programme Approach ended |
| CPAStartDate | date | | Date on which Care Programme Approach began |
| DirectorateName | varchar | | e.g. MHSOP, AMH, Community Rehab etc. |
| EndDate | date | | Date on which service or inpatient stay ended |
| LastAppointmentDate | datetime | | |
| NHSNumber (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| NOTIS_UniqueDocumentNumber | varchar | | Reference to document on the NOTIS system (where available) |
| ReferralType | varchar | | "W" to indicate a Ward; "T" to indicate a Team |
| ReportingDate | datetime | | Date and time of extract |
| StartDate | date | | Date on which service or inpatient stay commenced |
| TeamName | varchar | | Holds either the name of the team or the |

| | | |
|--|--|---------------|
| | | ward involved |
|--|--|---------------|

Criteria: All patients registered with the Practice who are or have been cared for by the Trust.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

| | |
|---|--|
| Purposes: | |
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

| Item | Data Type | PD | Comments |
|-----------------------------|-----------|----|---|
| AddressLine1 (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| AddressLine2 (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| AddressLine3 (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| AddressLine4 (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| AddressLine5 (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| AgeAtInviteDate | int | | |
| DateOfLastInvite | date | | |
| EpisodeSeqNo | int | | |
| Forename | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| GPFaxRequest | varchar | | Yes/No |
| InvitationCount | int | | |
| KitsReturnedCount | int | | |
| NHSNumber (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| NumberOfPreviousInvitations | int | | |
| PracticeCode | varchar | | |
| Provider | varchar | | Organisation code of provider |
| SubjectPostcode (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Surname (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised |

| | | |
|--|--|---|
| | | upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
|--|--|---|

Criteria: Patients who are registered with the Practice and have not returned a bowel cancer screening kit within 12 weeks.

Frequency: Monthly

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Social Care: Nottinghamshire County Social Services

(Dataset ID: 55, Version: 1)

| Item | Data Type | PD | Comments |
|-----------------------|-----------|----|--|
| 1_Sub_Group_Desc | varchar | | Subgroup description of service provided (e.g. Personal Care) |
| 2_Package_Service | varchar | | Description of package service (e.g. "05. Adults Home Support") |
| Age | int | | |
| Date_Loaded | date | | Date of extract |
| Date_Of_Birth (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via |

| | | | |
|-----------------------|---------|---|---|
| | | | eHealthScope |
| Date_Of_Death (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| First_Names (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Gender | varchar | | |
| Group_Desc | varchar | | Primary description of service received (e.g. Physical Support, Learning Disability Support) |
| ID | int | | Provider row identifier |
| Last_Name (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| NHS_Number (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Post_Code (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Supplier | varchar | | Name of the care supplier - for example, a care home |
| User_Group_Startdate | date | | |

Criteria: Patients aged 65+ registered with the Practice and in receipt of Social Care.

Frequency: Daily

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this |

| | |
|---|---|
| | privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

Urgent and Emergency: Nottingham Emergency Medical Services (NEMS)

(Dataset ID: 52, Version: 1)

| Item | Data Type | PD | Comments |
|------------------------|-----------|----|---|
| Date of Birth (pseud) | date | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Informational Outcomes | varchar | | Brief description of outcome, e.g. "Referred to Pharmacist for OTC Treatment" |
| NHS Number (pseud) | varchar | Y | Pseudonymised at source, re-pseudonymised upon landing to allow linkage with GPRCC datasets, re-identifiable to authorised staff upon access via eHealthScope |
| Receive Date Time | datetime | | Date and time of contact |
| Service | varchar | | e.g. Midwife, OOH, Emergency, Pathways |

Criteria: All patients registered with the Practice who have been seen by NEMS.

Frequency: Daily (when possible)

Retention: For so long as the patient remains registered with a Practice supported by eHealthScope, plus a period of 12 months thereafter for clinical audit.

Purposes:

| | |
|---|---|
| Clinical risk calculations (algorithms) | Use in validated clinical algorithms for assessing risk of some kind for direct patient care purposes. Examples include QRISK2 (CVD and part of the NHS Health Check), QDiabetes, electronic frailty index (eFI), risk of admission (Combined Predictive Model / CPM), multi-morbidity etc. |
|---|---|

| | |
|---|--|
| Developing enhanced algorithms to identify patient care opportunities | By using this dataset in pseudonymised form, joined with others also flagged for this Purpose, machine learning techniques can be applied to explore whether algorithms using local, community-wide and recent data can out-perform national algorithms for predicting individual patient risks such as risk of admission or frailty, for example. All algorithms run on pseudonymised data within the GPRCC data warehouse and are subject to clinical evaluation before being implemented for direct patient care. |
| GPRCC data integration for direct patient care purposes | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| GPRCC data linkage and processing to support clinical audit | A common pseudonym is applied to this and other direct patient care purposes within the scope of the General Practice Repository for Clinical Care (GPRCC) to allow records to be linked and presented to the Practice for clinical audit. Re-identification is possible only via eHealthScope and by users granted with this privilege by the Practice. Patient searches are auditable. |
| Health service administration | Consistent with the GDPR, aggregate figures which do not constitute Personal Data (without patient identifiers and not at individual patient level) may be shared for the purposes of planning, evaluation and health service management. Examples of such purposes include planning health care delivery and establishing healthcare need. The data should not be used for performance management. |

~ End of Schedule 1 ~